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DD/S 63-1157

Equip + Supplies

25 April 1963

25X1 MEMORANDUM FOR: [redacted]

SUBJECT : ADP Data for Chief, Budget Division

25X1 1. [redacted] asked me to review the figures in the ADP Inventory which we recently conducted for the Comptroller to send to the Bureau of the Budget. I briefed him on 16 April 1963.

2. During our discussion, Mr. [redacted] asked me to furnish him with a brief comparison of the capabilities of the IBM 1401 and 1410 computers, see Attachment A. This comparison 25X1 was prepared by [redacted] shop. 25X1

25X1 3. Mr. [redacted] subsequently asked you to furnish him with a list of EAM and computer installations in the Agency with a brief description of the major application of each. I prepared Attachment B and submitted it to Mr. [redacted] on 23 April 1963. 25X1

25X1 4. Mr. [redacted] then asked me to furnish him with a list of Agency components which were preparing input data for subsequent processing by installations which had a full complement of machines and also an inventory of Flexowriters (purchased ADP equipment). In response to this request, I 25X1 furnished Mr. [redacted] with Attachments C and D, on 23 April 1963.

25X1 5. Mr. [redacted] told me the above data was for the use of the Comptroller in case he had to testify before the Appropriations Committee in regard to the inventory of ADP equipment.

[redacted] 25X1

25X1 ADPS/A [redacted] (25 Apr 63)

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19 April 1963

COMPUTER CHARACTERISTICS

	IBM 1401	IBM 1410
General	A modern data processor for small to medium size jobs. Solid state, modular construction.	An advanced intermediate size data processor. Solid state, modular construction.
First machine delivered	September 1960	December 1961
Monthly Rent (range)	$3,000 to $12,000	$6,000 to $40,000
Core Storage Size (range)	1,400 to 16,000 positions	10,000 to 80,000 positions
Speed (cycle time)	11.5 microseconds	4.5 microseconds
Buffering	No buffers--cannot perform Input/Output and processing simultaneously.	Buffering (plus multi-channel feature) allows reading, writing and processing data simultaneously.
Word size	Variable Length (instructions and data)	Variable Length (instructions and data)
File Storage	Mag tape and RAMAC (disks) optional	Mag tape and RAMAC (disks) optional
Input/Output (optional components)	Punched Cards Paper Tape Printer (600 l.p.m.) Console Inquiry Station Magnetic Character Reader Optical Character Reader Tele-Processing/Data Transmission	Punched Cards Paper Tape Printer (600 l.p.m.) Console Inquiry Station Magnetic Character Reader Optical Character Reader Tele-Processing/Data Transmission
Programming	Symbolic Language COBOL FORTRAN	Symbolic Language COBOL FORTRAN (can operate on programs written for 1401) More (and more powerful) instructions available.

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